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PTO/SB/21 (02-04)
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/790,404	
	Filing Date	March 1, 2004	
	First Named Inventor	Richard Andrew Holland	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	413	Attorney Docket Number	120478

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Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Livinia N. Jones, Esq. McQuaide Blasko 811 University Drive, State College, PA 16801	
Signature	<i>L. Jones</i>	
Date	June 7, 2004	

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/790,404
Filing Date	March 1, 2004
First Named Inventor	Richard Andrew Holland
Art Unit	
Examiner Name	
Attorney Docket Number	120478

Sheet	1	of	2
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Analytic Reductions for Transmission and Leakage Probabilities in Finite Tubes and Hexahedra, 104 Nucl. Sci. & Eng., 209-216 (1990)	
		A Transport Method for Treating Three Dimensional Lattices of Heterogeneous Cells, 101 Nucl. Sci. & Eng., 217-225 (1989)	
		J. KARKKAINEN & E. UKKONEN, Two- and Higher-Dimensional Pattern Matching in Optimal Expected Time, 29 SIAM J. COMPUT., 571-589 (1999)	
		R. BELMAN, G.M. WING, An Introduction to Invariant Imbedding, R. Belman, SIAM (1992) ISBN 0-89871-304-8	
		A. SHIMIZU, Development of Angular Eigenvalue Method for Radiation Transport Problems, 37 J. Nuclear Science and Technology, 15-25 (2000)	
		OLVEY et al., Accuracy Comparisons for Variational R, T and T-1 Response Matrix Formulations, 14 Annals of Nuclear Energy, 203-209 (1987)	
		STERNICK et al., The Theory & Practice of Intensity Modulated Radiation Therapy, Advanced Medical Publishing, 37-49 (1997)	
		Y. NIEVERGELT, Wavelets Made Easy, Birkhauser (1999) ISBN 0-8176-4061	
		P.R. BEVINGTON, Data Reduction and Error Analysis for the Physical Sciences, page 153, McGraw Hill Book Company, (1969) Library of Congress Catalogue number 69-16942	
		R.D. LAWRENCE and J.J. DORNING, A Nodal Green's Function Method for Multidimensional Diffusion Calculations, Nuclear Science and Engineering 76, 218-231 (1980)	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/790,404		
		Filing Date	March 1, 2004		
		First Named Inventor	Richard Andrew Holland		
		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	120478

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		F.C. LOCKWOOD and N.G. SHAH, A New Radiation Solution Method for Incorporation in General Combustion Prediction Procedures, Imperial College of Science and Technology, London.	
		E. CASHWELL & C. EVERETT, The Practical Manual on the Monte Carlo Method for Random Walk Problems, Pergamon Press (1959). [OUT OF PRINT]	
		K. KOBAYASHI, et al. 3D Radiation Transport Benchmark Problems and Results for Simple Geometries with Void Region. Progress in Nuclear Engineering, Vol. 39, No. 2, pp. 119-144, 2001.	

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